

THE INVENTION CLAIMED IS:

5
5/1/17

1. A mobile crane apparatus, comprising:
a trailer supported on at least one pair of wheels;
a hydraulically operated crane supported on said trailer and extendable outwardly therefrom; and
an crane operator control station carried by said trailer.
2. The crane apparatus according to claim 1, further comprising
a vibratory driver suspended from a free end of said crane and arranged and configured to grasp and then drive a piling sheet into the ground.
3. The crane apparatus according to claim 1 wherein said wheels comprise tires having a width of about 16 inches.
4. The crane apparatus according to claim 1, comprising a crane hydraulic power unit and an accessory hydraulic power unit carried by said trailer.
5. The crane apparatus according to claim 1, further comprising a sheet piling driver suspended from said crane.

6. The crane apparatus according to claim 1, wherein said crane operator control station further comprises a control panel having controls for operating said crane, a seat mounted to said trailer for supporting an operator at said control panel.

5

7. The crane apparatus according to claim 1, comprising a hydraulic power unit having controls, and a seat supported on said trailer and located for an operator to manually control said controls.

91

10

8. The crane apparatus according to claim 6, wherein said seat is arranged facing in a direction perpendicular to a longitudinal axis of said trailer.

15

9. The crane apparatus according to claim 1, further comprising outriggers arranged at respective back corners of said trailer and deployable to support the trailer corners from the ground.

20

10. The crane apparatus according to claim 9, wherein said outriggers are hydraulically deployable.

25

[Handwritten signature]

91

15

20

- 18

14. The trailer-mounted crane apparatus according to claim 13,
wherein said hydraulic crane power unit is mounted on said platform in
front of said crane, and said control panel and said operator seat are
mounted in front of said hydraulic crane power unit and laterally of said
5 crane, and said hydraulic crane power unit is mounted in front of said
crane.

15. The trailer-mounted crane apparatus according to claim 14,
further comprising a sheet pile driver retainer extending rearwardly of said
10 platform, and mounted to said platform.

16. The trailer-mounted crane apparatus according to claim 14,
further comprising a sheet pile driver cradle mounted to said platform on a
side of said crane opposite to said operator's seat.

Add 47
Add 47
Add 27